ATTORNEY DOCKET NO.
063170.6308

PATENT APPLICATION
Serial No. 09/419,~~247~~ 749 MF

AMENDMENTS TO THE DRAWINGS

Replacement drawing sheets are provided with this response and are attached hereto as Exhibit "A". For the convenience of the Examiner, Applicant has also has provided a marked-up Annotated copy of the drawing correction, indicating the changes made to the figures in red ink. These Annotated copies of the drawings are attached hereto as Exhibit "B".

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REMARKS

This Application has been carefully reviewed in light of the Office Action mailed November 30, 2005 (the "Office Action"). At the time of the Office Action, Claims 1-4, 6, and 9 were pending in the Application. Claims 1-4, 6, and 9 were rejected. Claim 3 has been amended. Applicants respectfully request reconsideration and favorable action in this case.

Drawing Objections

The Office Action objected to the drawings under 37 C.F.R. § 1.84(p)(4). According to the Office Action, reference numerals "108a," "108b," "108c," "108d," and "106" have each been used to designate multiple items in Figure 1. This statement, however, is incorrect. Each of these reference numerals only appears once in Figure 1. As such, Applicants respectfully request that the objections to the drawing be withdrawn.

Specification Objections

The Office Action objected to the specification because the detailed description does not describe reference numerals related to the figures, specifically, Fig. 2, elements 204a and 114. Pursuant to the request of the Examiner and 37 C.F.R. § 1.1.25(a), Applicants have amended the drawings and hereby submit Replacement Drawing sheets in compliance with 37 CFR 1.121(d) to replace the original formal drawings which were previously submitted. These Replacement Drawing sheets are attached hereto as Exhibit "A". For the convenience of the Examiner, Applicants have also provided marked-up copies of the drawing corrections, indicating the changes made to the figures in red ink. These marked-up copies are attached hereto as Exhibit "B".

Claim Objections

The Office Action objected to Claim 3 due to an informality. Specifically, the Office Action objected to the phrase "one or more keywords from parser." Claim 3 has been amended to correct this informality. As amended, Claim 3 now refers to "one or more keywords from the parser" (emphasis added). As such, Applicants request that the objection to Claim 3 be withdrawn.

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Section 103 Rejections

Claims 1, 2, and 9 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,737,592 issued to Nguyen et al. ("*Nguyen*") in view of British Patent No. GB 22 27 339 A issued to Dandeker ("*Dandeker*").

In order to establish a *prima facie* case of obviousness of a claimed invention, all claim limitations must be taught or suggested by the prior art. *In re Royka*, 490 F.2d 981 (CCPA 1974). Applicants respectfully submit that each and every element of Claims 1, 2, and 9 is not found within the references cited by the Examiner.

Claim 1 recites:

> A method for providing an extensible macro language comprising:
>
> determining, based on a predetermined syntax of a macro language, one or more keywords in a macro language expression, each keyword being associated with an extended macro command;
>
> retrieving, from a registry of keywords and associated executable codes, an executable code associated with each keyword in the macro language statement; and
>
> executing each retrieved executable code to run the extended macro command associated with each of the one or more keywords in the macro language expression without recompiling the macro language.

Applicants submit that the *Nguyen-Dandeker* combination suggested by the Examiner fails to teach, suggest, or disclose each of these elements. For example, the *Nguyen-Dandeker* combination fails to teach, suggest, or disclose "retrieving, from a registry of keywords and associated executable codes, an executable code associated with each keyword in the macro language statement." Instead, the portion of *Nguyen* relied upon by the Examiner discloses that:

> The macro language contains derivatives, which are reserved keywords with a prefix symbol "%" (e.g., % SQL). Many of the directives have both a single line form and a block form, which supports multiple lines of text. These block directives are terminated with "%}", which can be anywhere on a line. In the preferred embodiment, nestings of blocks are not allowed, with the exception of the % EXECSQL block for a report form as described below.

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Col. 6, ll. 7-14. This passage is completely devoid of any references to "a registry of keywords and associated executable codes" and "retrieving . . . an executable code associated with [a] keyword [from the registry]" as recited in Claim 1. This helps explain why the Examiner was unable to find a teaching in *Nguyen* of "executing each retrieved executable code." *See* Office Action, p. 4. *Nguyen* does not execute the code because *Nguyen* does not retrieve the code. Because of this, the *Nguyen-Dandeker* combination suggested by the Examiner fails to teach, suggest, or disclose "retrieving, from a registry of keywords and associated executable codes, an executable code associated with each keyword in the macro language statement." For at least this reason, the rejection of Claim 1 is improper. As such, Applicants respectfully request that the rejection of Claim 1 be withdrawn.

Claim 2 depends from Claim 1. Therefore, Applicants submit that Claim 2 is allowable, for example, for reasons similar to those discussed above with regard to Claim 1. As such, Applicants respectfully request that the rejection of Claim 2 be withdrawn.

Similar to Claim 1, Claim 9 recites "retrieving, from a registry of keywords and associated executable codes, an executable code associated with each keyword in the macro language expression." Therefore, Applicants submit that Claim 9 is allowable, for example, for reasons similar to those discussed above with regard to Claim 1. As such, Applicants respectfully request that the rejection of Claim 9 be withdrawn.

Claims 3, 4, and 6 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 4,931,928 issued to Greenfeld ("*Greenfeld*") and *Nguyen* in view of U.S. Patent No. 5,295,059 issued to Brooks et al. ("*Brooks*"). Applicants respectfully traverse these rejections for the reasons discussed below.

Claim 3, as amended, recites:

> A system for providing an extensible macro language, comprising:
>
> a parser operable to determine, based on a predetermined syntax of a macro language, one or more keywords embedded within a macro language expression, each keyword being associated with an extended macro command;
>
> a registry of keywords and associated executable codes, including one or more keywords and one or more executable codes, each keyword being associated with a respective one of the executable codes; and
>
> a macro handler operable to receive the one or more keywords from the parser, retrieve, from the registry of keywords and associated executable codes, the executable code

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> associated with each keyword embedded within the macro language expression, and execute the retrieved executable codes to run the extended macro command associated with each of the one or more keywords without recompiling the macro language.

Applicants submit that the *Greenfeld-Nguyen-Brooks* combination suggested by the Examiner fails to teach, suggest, or disclose each of these elements. For example, the *Greenfeld-Nguyen-Brooks* combination fails to teach, suggest, or disclose "a registry of keywords and associated executable codes, including one or more keywords and one or more executable codes, each keyword being associated with a respective one of the executable codes." As discussed above, the portion of *Nguyen* relied upon by the Examiner (*i.e.*, col. 6, ll. 7-14) has nothing to do with "a registry of keywords and associated executable codes." Because of this, *Nguyen* fails to teach, suggest, or disclose "a registry of keywords and associated executable codes, including one or more keywords and one or more executable codes, each keyword being associated with a respective one of the executable codes." For at least this reason, the rejection of Claim 3 is improper. As such, Applicant request that the rejection of Claim 3 be withdrawn.

Claim 4 depends from Claim 3. Therefore, Applicants submit that Claim 4 is allowable, for example, for reasons similar to those discussed above with regard to Claim 3. As such, Applicants respectfully request that the rejection of Claim 4 be withdrawn.

Claim 6 depends from Claim 1. Therefore, Applicants submit that Claim 6 is allowable, for example, for reasons similar to those discussed above with regard to Claim 1. As such, Applicants respectfully request that the rejection of Claim 6 be withdrawn.

Should the Examiner continue to maintain any of the above rejections, to the extent the Examiner relies upon "common knowledge," "well known" principles, or "official notice" to establish this rejection, Applicants request that the Examiner cite a reference as documentary evidence in support of this position or provide an affidavit in accordance with M.P.E.P. § 2144.03 and 37 C.F.R. § 1.104(d)(2).

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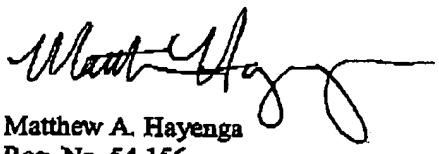
Serial No. 09/419,747 749 MP

CONCLUSION

Applicants have made an earnest attempt to place this case in condition for allowance. For the foregoing reasons, and for other apparent reasons, Applicants respectfully request full allowance of all pending Claims. If the Examiner feels that a telephone conference would advance prosecution of this Application in any manner, the undersigned attorney for Applicants stands ready to conduct such a conference at the convenience of the Examiner.

Applicants believe no fee is due. However, should there be a fee discrepancy, the Commissioner is hereby authorized to charge any required fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicants



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Date: February 28, 2006

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PATENT APPLICATION
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Exhibit "A"

(Replacement Drawing Sheets)

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Exhibit "B"

(Marked-Up copies of drawings)

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METHOD AND APPARATUS FOR EXTENSIBL
MACRO LANGUAGE
Serial No. 09/419,749 Filing Date: 10/18/1999
Inventors: DEFFLER, et al.
Attorney's Docket No.: 063170.6308
SHEET 1 OF 2

ANNOTATED MARKED-UP DRAWING

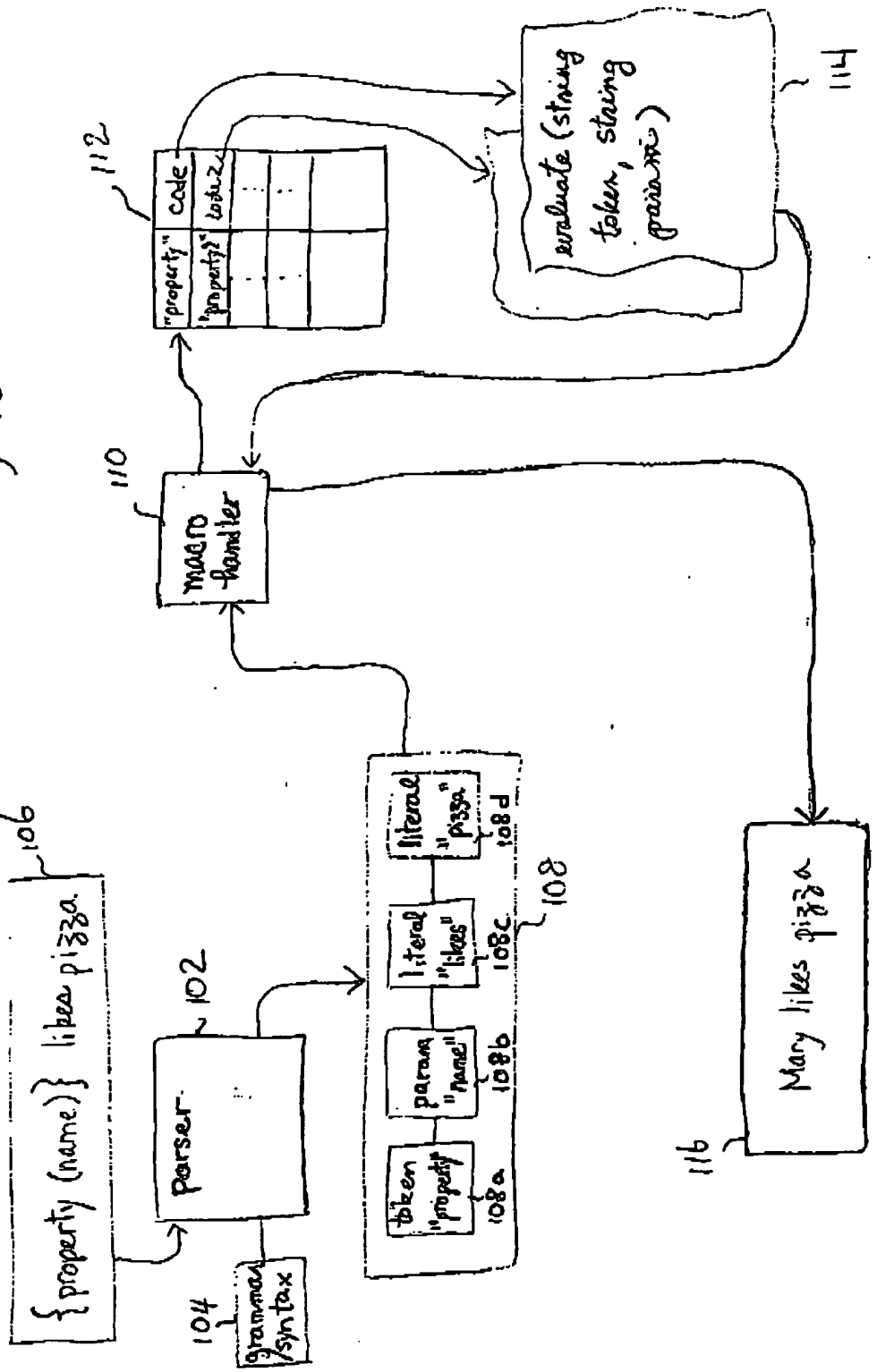

Figure 1

METHOD AND APPARATUS FOR EXTENSIBL
MACRO LANGUAGE
Serial No. 09/419,749 Filing Date: 10/16/1999
Inventors: DEFFLER, et al.
Attorney's Docket No.: 063170.6308
SHEET 2 OF 2

ANNOTATED MARKED-UP DRAWING

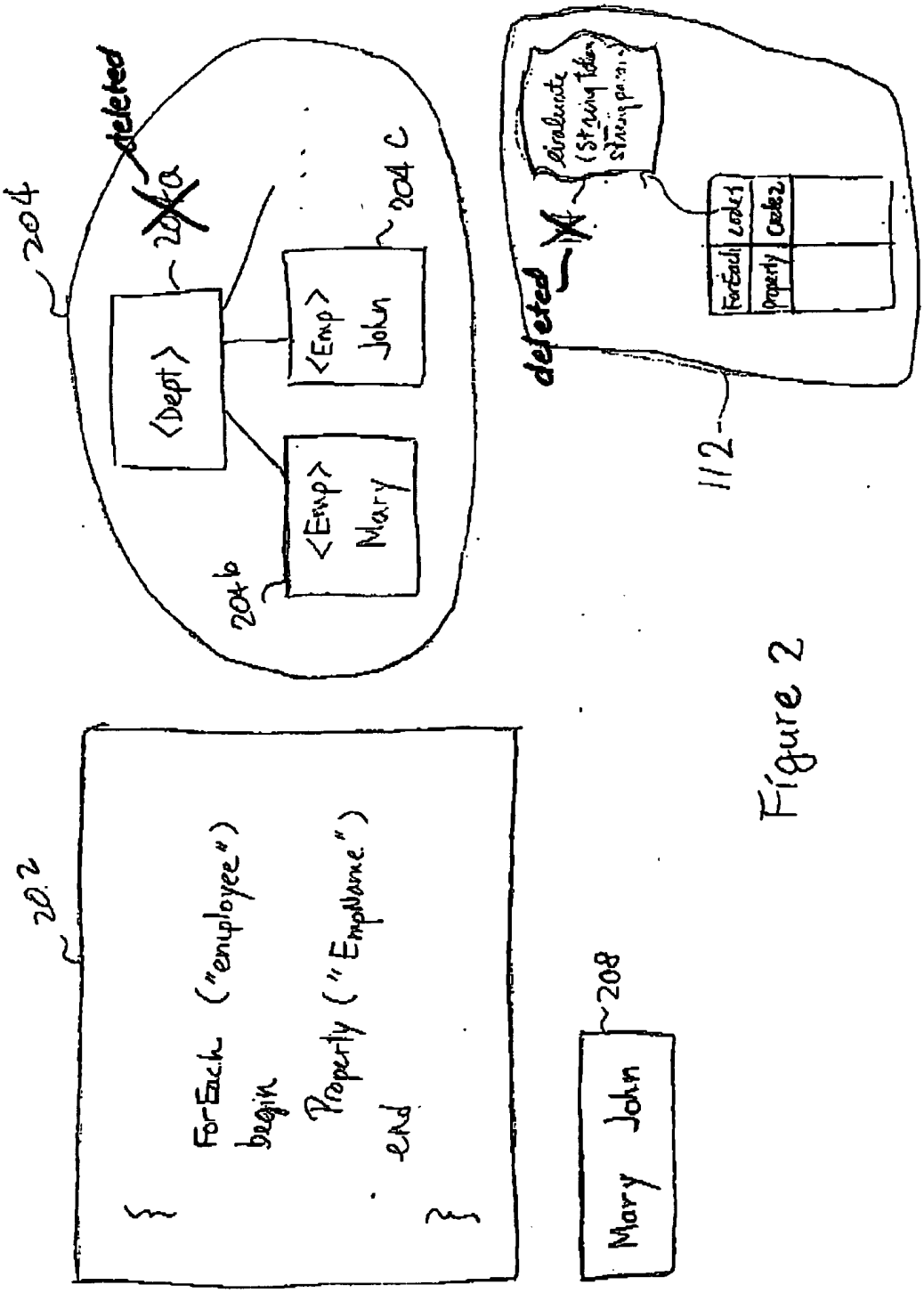

Figure 2